

AMEND THE ABOVE-IDENTIFIED APPLICATION AS FOLLOWS:

In The Specification:

Page 59, line 15, after "containing 2' " and before "deoxy" change the double dashes "--" to a single dash - - - - . ✓

In The Claims:

Amend claims 284, 337 and 348 as follows:

Claim 284, penultimate line, after "detecting the presence of" and before "any of the oligo- or polynucleotides" insert the following:

-- said detectable Sig moieties in -- .

Claim 337, line 4, before "one or more chemically modified nucleotides" delete the designation "(i)" at the beginning of the line.

Claim 337, third line from the last line, before "said oligo- or polynucleotide of interest;" delete the designation "(b)" at the beginning of the line.

348. (Amended) A process for detecting the presence of an oligo- or polynucleotide of interest in a sequencing gel, comprising the steps of:

(A) providing:

(a) one or more chemically modified nucleotides capable of incorporating into an oligo- or polynucleotide, alone or in conjunction with one or more other modified or unmodified nucleic acids selected from the group consisting of nucleotides, oligonucleotides and polynucleotides, said other modified or unmodified nucleic acids being capable of incorporating into an oligo- or polynucleotide, said chemical modification rendering said one or more chemically modified nucleotides either:

(I) self-signaling or self-indicating or self-detecting; or

(II) comprising a label capable of providing directly or indirectly a detectable signal;

said self-signaling or self-indicating or self-detecting chemical modification or

said label indicating the presence of said labeled oligo- or polynucleotide;